

North Carolina Weather & Crops Report

Released: May 20, 2019



CROP SUMMARY FOR THE WEEK ENDING MAY 19, 2019

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.1	5.7	3.4	5.3

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Subsoil Moisture	4	14	79	3
Topsoil Moisture	4	25	67	4
VS= Very Short ST = Short A = Adequate SS = Surplus				

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PLANTED:				
Corn	93	88	95	95
Cotton	52	40	49	54
Peanuts	45	32	48	46
Sorghum	20	10	17	19
Soybeans	36	25	36	32
Sweet Potatoes	18	13	19	14
Tobacco: Flue-cured	79	68	86	85
Tobacco : Burley	16	10	17	29
PHENOLOGICAL:				
Barley Headed	90	80	89	85
Corn Emerged	80	71	87	87
Soybeans Emerged	18	10	20	15
Wheat Headed	90	80	93	95
HARVESTED:				
Hay: First Cutting	56	37	42	40

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apples	0	1	1	97	1
Barley	0	2	31	64	3
Corn	1	3	34	56	6
Cotton	0	0	35	62	3
Hay	0	2	22	72	4
Oats	1	11	31	55	2
Pasture	1	4	27	66	2
Peaches	0	4	22	59	15
Tobacco: Flue-cured	0	0	25	70	5
Wheat	6	8	34	42	10

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

The week started off on the cool side with nighttime low temps in the mid 30's and day time highs in the mid 50's. There were some reports of light frost in parts of the county but no reported damage. Later in the week, temps were unseasonably warm with highs reaching into the mid 80's. A few scattered rain showers limited field activities; however, precipitation levels were very light with most of the county receiving between a trace and .25" of rain. Hay harvest has begun. Corn and vegetable planting continues.

Stanley Holloway – Yancey County Extension

Planting and transplanting moved into high gear with good weather for a whole week. Tobacco is doing well with a few reports of seedling disease or possible herbicide injury in a few fields. Corn is progressing well, and more soybeans were planted. A lot of hay was cut and baled during the week, and expect more to be cut this week. Pastures are in good shape with cool season grasses headed out, so forage growth is expected to slow as temperatures rise. **Paul Westfall - Granville County Extension** Increasingly dry conditions are causing delays in planting soybeans. All crops in the area need rain. The unseasonably high temperatures are not good for spring planted crops.

Cathy Herring – Central Crops Research Station

Crops are looking good. Scattered frost on May 15th but no reported damage. Starting to get a little dry and the scattered showers have helped but not all areas of the county received rainfall. **Julia Houck – Ashe County Extension**

Soil conditions have dried out rapidly with crops beginning to show signs of stress. Supplemental irrigation has begun. Planting continues for cotton, soybeans, and peanuts as soil moisture allows. Strawberry production declining with high temperatures.

Mac Malloy – Robeson County Extension

Lots of hay is being cut. Overall, the hay yield seems pretty good so far. Soybean planting is underway. Fields are starting to turn dry and could use a few rain showers this week.

Stephen Bishop – Cleveland County Extension

Temperatures from cool to warm with fair weather with rainfall slightly below average....less than <.50".

Robert Hawk - Jackson County Extension

The corn crop is starting off very strong but will be needing rainfall soon. The strawberry crop has had good yields so far and flavor last week was the best of the season. Tobacco transplanting made great progress last week but that will be slowed without rainfall. **Brandon Poole - Alamance County Extension**

Great week for planting some transplanted tobacco suffering from dry wind conditions. Corn planting almost done. Soybeans keep progressing. Wheat has been headed out for a while but is thin. Quite a bit of first cutting hay this week.

Gary Cross - Person County Extension

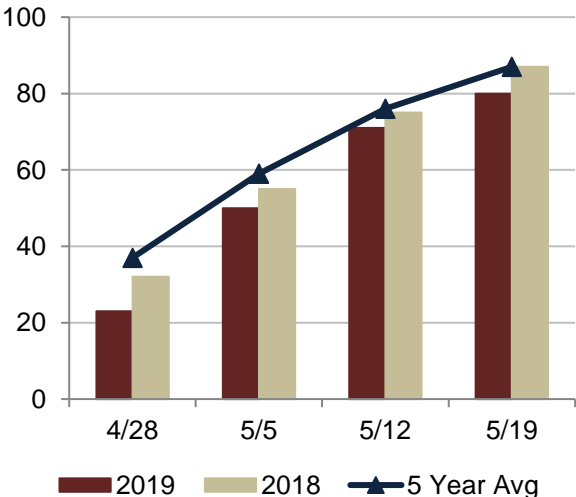
Excessive heat and low soil moisture stressing plants. Many farmers are delaying planting of soybean or cotton due to low soil topsoil moisture. **Mike Carroll – Craven County Extension** Based on future weather forecasts, areas may experience drought-like conditions over next two weeks.

Paige Burns – Richmond County Extension

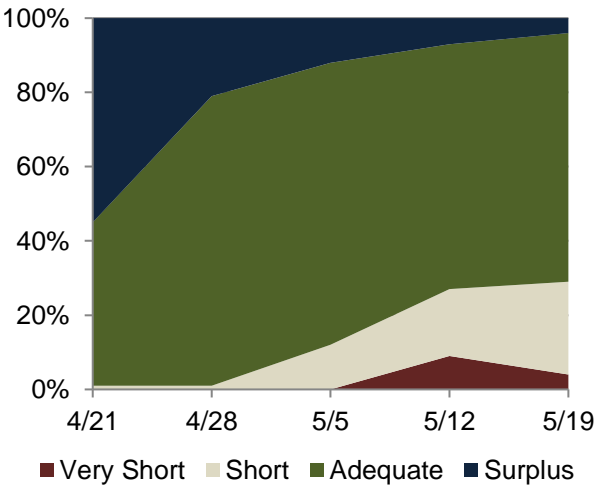
Field conditions are getting dry. No significant rain has fallen in four weeks. Subsoil moisture is adequate to keep crops going but newly seeded soybeans will struggle to emerge if rain does not come. Pasture growth is slow in spite of hot weather the last two weeks. Wheat harvest will begin soon and projected yield could reach 100+ bushels per acre in a few locations.

Mark Seitz – Pender County Extension

CORN EMERGED PERCENT



TOPSOIL MOISTURE PERCENT

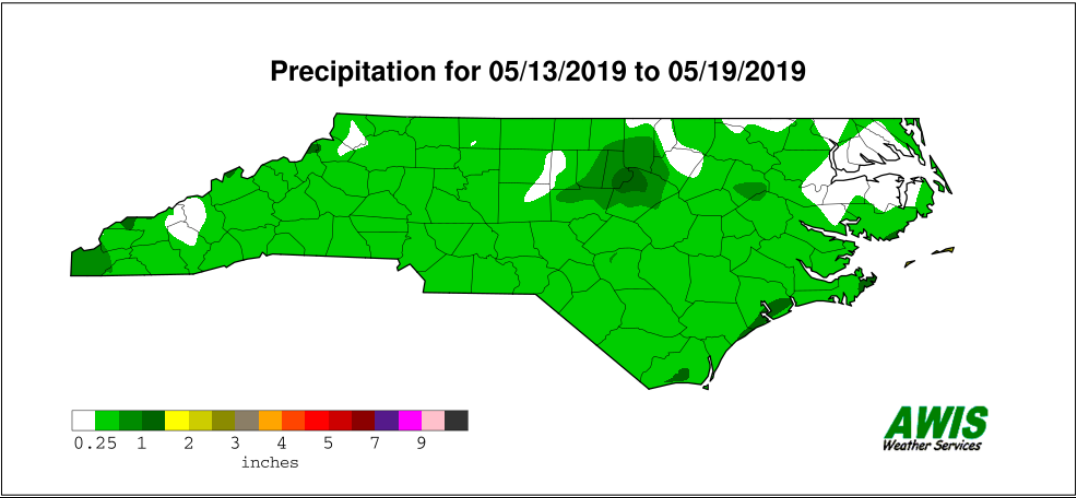


WEATHER SUMMARY FOR THE WEEK ENDING MAY 19 2019 ¹									
Location	Precipitation (Inches)				Temperature (Degrees F.)				
	This Month		Year to Date		This Month				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro Airport	0.28	-0.70	13.62	-3.76	89	43	65	-1	826
Asheville Municipal	0.14	-0.89	27.23	8.63	85	44	63	1	690
Boone	0.31	-0.81	19.17	-1.8	81	33	57	0	396
Burlington AP	0.15	-0.84	19.15	2.46	93	45	67	1	968
Charlotte	0.00	-0.84	21.60	4.52	91	45	68	-1	999
Clayton WTP	0.48	-0.43	21.72	4.61	92	40	65	-2	857
Clinton_2NE	0.32	-0.80	15.74	-2.4	94	46	69	0	1037
Elizabeth City	0.05	-1.00	17.39	-0.65	90	49	69	2	1071
Elizabethtown_NC	0.35	-0.56	13.75	-2.91	95	46	71	2	1205
Erwin_AP	0.38	-0.46	15.41	-1.95	94	46	69	2	1044
Fayetteville_AP	0.04	-0.77	13.45	-3.1	95	47	71	3	1166
Frisco_2NNE	1.50	0.59	24.50	4.14	85	58	70	3	1290
Gastonia-Gaston	0.00	-0.96	21.58	3.58	92	46	68	1	1046
Goldsboro_AFB	0.01	-0.85	12.76	-5.51	95	46	71	1	1127
Greensboro_AP	0.55	-0.36	19.35	2.99	89	46	66	1	851
Greenville Airport	0.42	-0.56	13.58	-4.13	95	45	70	2	1053
Hickory	0.04	-0.98	14.18	-5.16	86	45	65	-1	766
Jacksonville AP	0.02	-0.87	10.24	-7.19	96	42	70	1	1139
Jacksonville_EOC	0.25	-0.64	14.16	-3.27	96	44	71	2	1152
Jefferson_2E	0.00	-1.12	20.43	2.34	80	31	55	-2	357
Kinston Airport	0.46	-0.43	13.00	-4.67	93	42	70	0	1103
Louisburg	0.11	-0.94	19.94	2.55	93	42	66	1	858
Maxton	0.04	-0.79	15.61	-1.61	95	45	70	1	1156
Mt_Airy_2W	0.81	-0.20	22.27	4.96	86	39	62	-2	597
New_Bern	0.40	-0.58	14.20	-4.74	93	49	71	2	1166
North_Wilkesboro	0.32	-0.71	23.86	5.01	88	41	65	1	738
Oxford_AP	0.50	-0.45	16.21	-0.38	89	40	63	-2	691
Raleigh-Durham	1.32	0.41	19.60	2.99	91	43	67	0	906
Reidsville_2NW	0.38	-0.60	19.27	2.61	90	45	64	-1	749
Roanoke_Rap_Dam	0.04	-0.95	18.02	0.84	94	47	67	1	865
Robbinsville_AG	0.68	-0.49	39.22	12.2	82	41	58	-4	618
Rockingham	0.16	-0.79	13.19	-4.11	92	44	69	1	1022
Roxboro Airport	0.50	-0.39	16.45	0.29	88	37	63	-2	697
Southern_Pines	0.02	-0.86	16.10	-1.23	93	42	69	1	1033
Statesville_2NNE	0.13	-0.90	19.98	2.75	88	41	64	-2	740
Tarboro_1S	0.62	-0.29	15.46	-1.83	93	47	67	1	973
Vale_Ag_2SW	0.35	-0.71	23.01	4.95	90	43	64	-2	758
Wadesboro Airport	0.13	-0.79	16.57	-1.11	92	44	68	-1	955
Washington_AP	0.46	-0.58	14.60	-2.92	94	47	70	3	1097
Waynesville_1E	0.43	-0.55	28.06	8.33	85	38	60	0	534
Whiteville_7NW	0.00	-1.07	13.63	-4.04	95	45	70	1	1136

¹ This data is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

PRECIPITATION SUMMARY

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>



US DROUGHT MONITOR OF NORTH CAROLINA

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary. <http://www.ncdrought.org/>

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

May 14, 2019
Valid 8 a.m. EDT



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)